

Kentucky Department for Public Health

Weekly Influenza Surveillance Report

Morbidity and Mortality Weekly Report (MMWR) Week 40

September 30– October 6, 2018



Current Influenza Activity Level: [†]**Sporadic**

[†]**Sporadic:** Small numbers of laboratory-confirmed influenza cases or a single laboratory-confirmed influenza outbreak has been reported, but there is no increase in cases of ILI.

***Confirmed:** Influenza laboratory Confirmed Cases are defined by positive molecular virus (RT-PCR) or Virus Culture test results. Those positive test results are reportable in Kentucky. (Positive results for Rapid Influenza Diagnostic Tests are not included in this report)

Influenza-like Illness (ILI) Case Definition:

- Fever ($\geq 100^{\circ}\text{F}$ [37.8°C], oral or equivalent, PLUS Cough
-OR-
- Fever ($\geq 100^{\circ}\text{F}$ [37.8°C], oral or equivalent, PLUS Sore Throat
-OR-
- Fever ($\geq 100^{\circ}\text{F}$ [37.8°C], oral or equivalent, PLUS Cough *and* Sore Throat

Activity Level Range: Sporadic Local Regional Widespread

Update for week 40:		Updated Total 2018-2019 Season:	
Lab Confirmed Influenza:	6 Cases	Lab Confirmed Total:	6 Cases
Number of Regions with Long Term Care Facility Outbreaks:	0 of 17 Regions	Total Number of Long Term Care Facility Outbreaks:	0 Outbreaks
Number of Regions with Confirmed Flu Cases:	4 of 17 Regions	Total Number of Regions with Confirmed Flu Cases:	4 of 17 Regions
Deaths Reported:	0 (under 18 years) 1 (18 years & older)	Total Deaths Reported:	0 (under 18 years) 1 (18 years & older)
Number of Regions with Increased ILI Activity:	0 of 17 Regions	Number of Regions with ILI Activity this Flu Season:	8 of 17 Regions

***All data are preliminary and may change as more delayed reports are received*

Kentucky National Electronic Disease Surveillance System (NEDSS) and U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) Data. Department for Public Health, Cabinet for Health and Family Services, Frankfort, Kentucky, [September 30 – October 6, 2018].

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MMWR Week 40: September 30– October 6, 2018

Fig 1: Laboratory Confirmed Cases by Age

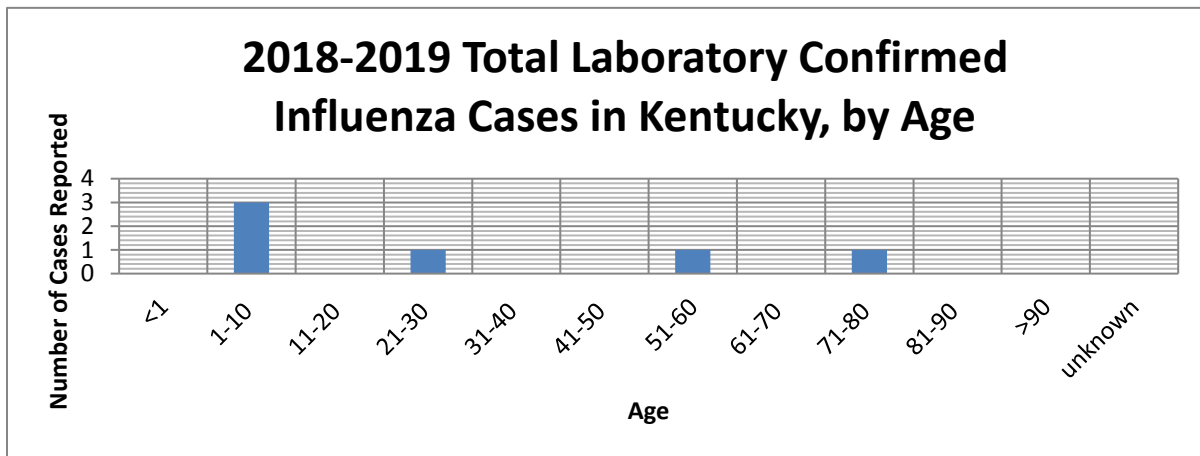


Fig 2: Laboratory Confirmed Cases by Influenza Virus Types

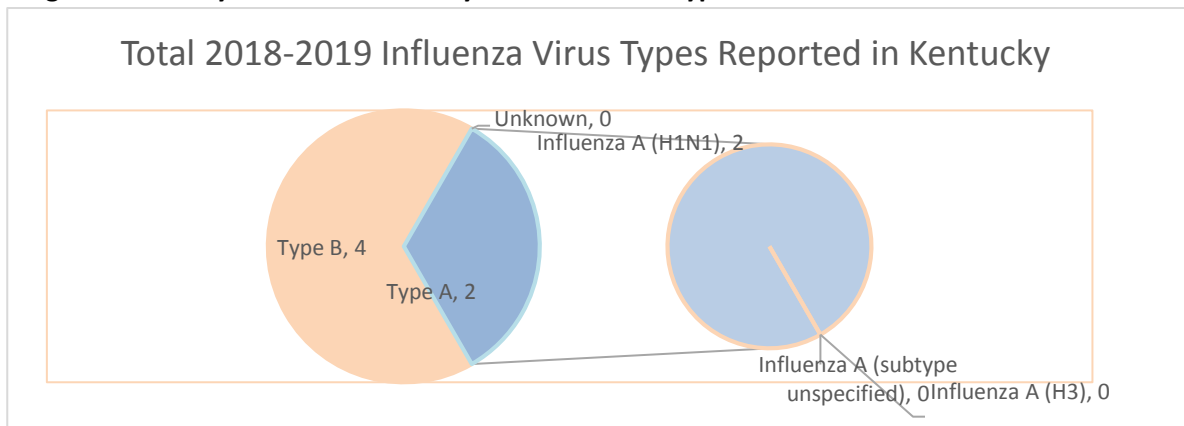
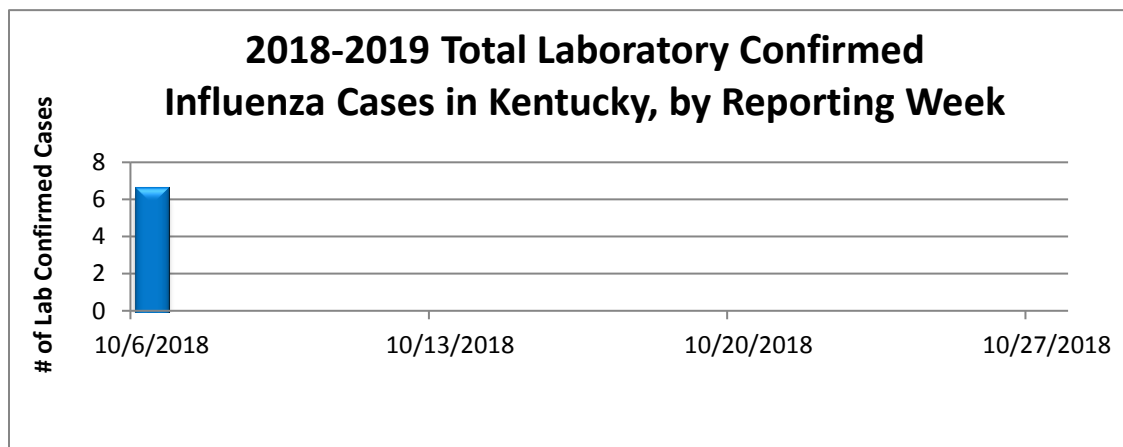


Fig 3: 2018-2019 Total Laboratory Confirmed Influenza Cases in Kentucky, by Reporting Week



*Confirmed: Influenza laboratory Confirmed Cases are defined by positive RT-PCR or Virus Culture test results

